QK361
.2F4
no.162

United States Department of the Interior
Fish and Wildlife Service

Fishery Leaflet 162

LIBRARY
FISH & WILDLIFE SERVICE
PACIFIC OCEANIC FISHERY
INVESTIGATIONS

Chicago, Ill. March, 1946

AQUATIC BIOLOGY
A SELECTED LIST OF BOOKS
Compiled in the Library

OCEANOGRAPHY

Bigelow, Henry B.
Oceanography, its scope, problems, and economic importance. Boston, Houghton, Mifflin Co., 1931. 263 p., illus.

Boguslawski, Georg Heinrich von.
Handbuch der ozeanographie, von dr. Otto Krummel. 2 vollig neu bearb. aufl. Stuttgart, J. Engelhorn, 1907-11. 2 vols., illus.

Challenger society, London.
Science of the sea; an elementary handbook of practical oceanography for travellers, sailors and yachtsmen, prepared by the Challenger society for the promotion of the study of oceanography, originally edited by G. Herbert Fowler. 2d ed., edited by E. J. Allen. Oxford, The Clarendon press, 1928. 502p., illus.

Daly, Reginald A.
The floor of the ocean; new light on old mysteries. Chapel Hill, The University of North Carolina press, 1942. 177 p., illus.

Grier, Mary C.
Oceanography of the north Pacific ocean, Bering sea and Bering strait; a contribution toward a bibliography. Seattle, University of Washington, 1941. 290 p., (University of Washington publications. Library series, vol.2)

Harvey, H. W.
Biological chemistry and physics of sea water. New York, Macmillan co., 1928. 194 p., illus.

Herdman, Sir William A.
Founders of oceanography and their work; an introduction to the science of the sea. New York, Longmans, Green & co. 1923. 340 p illus.

Jenkins, James T.
A textbook of oceanography. London, Constable & co., ltd., 1921. 206 p., illus.

Johnstone, James
An introduction to oceanography, with special reference to geography and geophysics. Liverpool, The University press of Liverpool limited, 1923. 351 p., illus.

Marmer, Harry A.
The sea. New York, D. Appleton and co., 1930. 312 p., illus.

The tide. New York, D. Appleton and co., 1926. 282 p., illus.

Murray, Sir John, and others.
The depths of the ocean; a general account of the modern science of oceanography based largely on the scientific researches of the Norwegian steamer Michael Sars in the North Atlantic. London, Macmillan and co., ltd., 1912. 821 p., illus.

National research council.
Physics of the earth - V. Oceanography. Prepared under the auspices of the Subsidiary committee on oceanography Division of physical sciences. Washington, D. C., National research council of the National academy of sciences, 1932. 581 p., illus. (Bulletin of the National research council, no. 85)

Sverdrup, Harold U., and others.
The oceans, their physics, chemistry, and general biology, New York, Prentice-Hall, Inc., 1942. 1087 p., illus.

Thomson, Sir Charles W.
The depths of the sea. An account of the general results of the dredging cruises of H. M. SS. 'Porcupine' and 'Lightning' during the summers of 1868, 1869, and 1870, under the scientific direction of Dr. Carpenter, J. Gwyn Jeffreys, and Dr. Wyville Thomson. London, Macmillan and co., 1873. 527 p., illus.

Vaughan, Thomas W., and others.
International aspects of oceanography; oceanographic data and provisions for oceanographic research. Washington, D. C., National academy of sciences, 1937. 225 p., illus.

MARINE BIOLOGY

Allen, Glover M.
Extinct and vanishing mammals of the western hemisphere with the marine species of all the oceans. Cambridge, Mass., American committee for international wild life protection, 1942. 620 p., illus. (Special publication no. 11)

Arnold, Mrs. Augusta F.
The sea-beach at ebb-tide; a guide to the study of the seaweeds and the lowe animal life found between tide marks. New York, The Century co., 1901. 490 p., illus.

Beebe, Charles W.
The Arcturus adventure; an account of the New York zoological society's first oceanographic expedition. New York, G. P. Putnam's sons, 1926. 439 p., illus.

Half mile down. New York, Harcourt, Brace and co., 1934. 344 p., illus.

Boulenger, Edward G.
A natural history of the seas. London, Duckworth, 1935. 215 p., illus.

Breder, Charles M.
Field book of marine fishes of the Atlantic coast. New York, G. P. Putnam's sons, 1929. 332 p., illus.

Churchill, Edward P.
Life history of the blue crab. Washington, Govt. print. off., 1919. p. 93-128, illus. (U. S. Bureau of fisheries. Doc. 870) From Bulletin of Bureau of fisheries, vol. XXXVI, 1917-18.

Crowder, William.
Between the tides. New York, Dodd, Mead and co., 1931. 461 p., illus.

Dawson, Elmer Y.
Marine algae of the Gulf of California. Los Angeles, Allan Hancock foundation. University of southern California, 1944. 265 p., illus. (University of southern California. Allan Hancock Pacific expeditions. Reports, vol. 3, no. 10)

Flattely, Frederic W., and Walton, Charles L.
The biology of the sea-shore. New York, The Macmillan co., 1922. 336 p., illus.

Galtsoff, Paul S.
Pearl and Hermes reef, Hawaii, hydrographical and biological observations. Honolulu, Hawaii, The Museum, 1933. 49 p., illus (Bernice P. Bishop museum. Bulletin 107)

Geilprin, Angelo
The animal life of our seashore. With special reference to the New Jersey coast and the southern shore of Long Island. Philadelphia, J. B. Lippincott co., 1903. 3d ed. 130 p., illus.

Herrick, Francis H.
The American Lobster; a study of its habits and development. Washington, Govt. print. off., 1896. 252 p., illus. (U.S. Commission of fish and fisheries. Doc. 300) From Bulletin of the U.S. Fish commission for 1895.

Hildebrand, Samuel F., and Schroeder, William C.
Fishes of Chesapeake bay. Washington, Govt. print. off., 1928. 388 p., illus. (U.S. Bureau of fisheries. Doc. 1024) From

Bulletin of the Bureau of fisheries, vol.XLIII, 1927.

Johnson, Myrtle E., and Snook, Harry J.
Seashore animals of the Pacific coast. New York, The Macmillan co., 1927. 659 p., illus.

Johnstone, James.
Conditions of life in the sea; a short account of quantitative marine biological research. Cambridge, University press, 1908. 332 p., illus.

Johnstone, James, and others.
The marine plankton, with special reference to investigations made a Port Erin, Isle of Man, during 1907-1914; a handbook for students and amateur workers. Liverpool, the University press of Liverpool limited, 1924. 194 p., illus.

Kunz, George F., and Stevenson, Charles H.
The book of the pearl; the history, art, science, and industry of the queen of gems. New York, The Century co., 1908. 548 p., illus.

Lillie, Frank R.
The Woods Hole Marine biological laboratory. Chicago, University of Chicago press, 1944. 284 p., illus.

Mayer, Alfred G.
Sea-shore life; the invertebrates of the New York coast. New York, The New York zoological society, 1905. 181 p., illus. (New York aquarium nature series, no. 1)

Moore, H. Frank
The commercial sponges and the sponge fisheries. Washington, Govt. print. off., 1910. p.399-511, illus. (U.S. Bureau of fisheries. Doc. no. 667) From Bulletin of the Bureau of fisheries, vol.XXVIII, 1908.

Norman, John R., and Fraser, Francis C.
Giant fishes, whales and dolphins. London, Putnam, 1937. 361 p., illus.

Oldroyd, Ida S.
The marine shells of the west coast of North America. Stanford University, Calif., University press, 1927. 297 p., illus. (Stanford university publications. Geological sciences, vol. 2, pt. 1)

Pearson, John C.
The early life histories of some American Penaeidae, chiefly the commercial shrimp Penaeus setiferus (Linn.). Washington, Govt. print. off., 1939. 73 p., illus. (U.S. Bureau of fisheries. Bulletin no. 30) From Bulletin of the Bureau of fisheries, vol. XLIX.

Ricketts, Edward F., and Calvin, Jack.
Between Pacific tides. An account of the habits and habitats of some five hundred of the common, conspicuous seashore invertebrates of the Pacific coast between Sitka, Alaska, and northern Mexico. Stanford University, Calif., Stanford university press, 1939. 320 p., illus.

Russell, Frederick S., and Yonge, Charles M.
The seas; our knowledge of life in the sea and how it is gained. London and New York, F. Warne & co., ltd., 1936. 379 p., illus.

Smith, Bertie W.
The world under the sea; a concise account of the marine world. New York, Appleton-Century co., 1940. 230 p., illus.

Smith, Gilbert M.
Marine algae of the Monterey peninsula, California. Stanford University, Calif., Stanford university press, 1944. 622 p., illus.

Smith, Maxwell
World-wide sea shells, illustrations, geographical range and other data covering more than sixteen hundred species and subspecies of molluscs. Lantana, Florida, Tropical photographic laboratory, 1940. 139 p., illus.

Steuer, Adolf
Planktondunde. Leipzig und Berlin, B. G. Teubner, 1910. 723 p., illus.

Walford, Lionel A.
Marine game fishes of the Pacific coast from Alaska to the equator. Berkeley, University of California press, 1937. 205 p., illus.

Weymouth, Frank W.
The edible clams, mussels, and scallops of California. Sacramento, California state print. off., 1920. 72 p., illus. (Contribution no. 22 from the State fisheries laboratory; State of California Fish and game commission. Fish bulletin no. 4)

Wilson, Douglas P.
Life of the shore and shallow sea. London I. Nicholson and Watson, 1935. 150 p., illus.

FRESH WATER BIOLOGY

Boardman, Edward T.
Field guide to lower aquarium animals. Bloomfield Hills, Mich., Cranbrook institute of science, 1939. 186 p., illus. (Bulletin no. 16)

Guide to higher aquarium animals. Bloomfield Hills, Mich,, Cranbrook institute of science, 1944. 107 p., illus. (Bulletin no. 21)

Carpenter, Kathleen E.
Life in inland waters, with especial reference to animals. New York, Macmillan & co., 1928. 267 p., illus.

Coker, Robert E.
Fresh-water mussels and mussel industries of the United States. Washington, Govt. print. off., 1919. p.13-89, illus. (U.S. Bureau of fisheries. Doc. 865) From Bulletin of Bureau of fisheries, vol. XXXVI, 1917-18.

Eddy, Samuel, and Surber, Thaddeus.
Northern fishes, with special reference to the upper Mississippi valley. Minneapolis, The University of Minnesota press, 1943. 252 p., illus.

Fassett, Norman C.
A manual of aquatic plants. New York, McGraw-Hill book co., inc., 1940. 382 p., illus.

Furneaux, William S.
Life in ponds and streams. New York, Longmans, Green, and co., 1919. 406 p., illus.

Limnological society of America.
Problems of lake biology. Washington, D. C., Pub. for the American association for the advancement of science by the Science press, 1939. 142 p., illus. (Publications of the American association for the advancement of science. no. 10)

Morgan, Ann H.
Field book of ponds and streams; an introduction to the life of fresh water. New York, G. P. Putnam's sons, 1930. 448 p., illus.

Needham, James G., and Needham, Paul R.
A guide to the study of fresh-water biology, with special reference to aquatic insects and other invertebrate animals and phyto-plancton. 4th ed., rev. and enl. Ithaca, N. Y., Comstock publishing co., inc., 1938. 88 p., illus.

Needham, Paul R.
Trout streams, conditions that determine their productivity and suggestions for stream and lake management. Ithaca, N. Y., Comstock publishing co., inc., 1938. 253 p., illus.

Plaskitt, Frederick J. W.
Microscopic fresh water life. London, Chapman & Hall, ltd., 1926. 278 p., illus.

Schrenkeisen, Raymond M.
Field book of fresh-water fishes of North America north of Mexico. New York, G. P. Putnam's sons, 1938. 312 p., illus.

Shelford, Victor E.
Animal communities in temperate America, as illustrated in the Chicago region; a study in animal ecology. Chicago, Ill., Pub. for the Geographic society of Chicago by the University of Chicago press, 1913. 362 p., illus. (The Geographic society of Chicago. Bulletin no. 5)

Smith, Gilbert M.
The fresh-water algae of the United States. New York, McGraw-Hill book co., inc., 1933. 716 p., illus.

Ward, Henry B., and Whipple, George C.

Fresh-water biology, New York, John Wiley & sons, inc., 1918. 1111 p., illus.

Welch, Paul S.
Limnology. New York, McGraw-Hill book co., inc., 1935. 471 p., illus.

GENERAL
MARINE AND FRESH WATER BIOLOGY

Clements, Frederic E., and Shelford, Victor E.
Bio-ecology. New York, J. Wiley & sons, inc., 1939. 425 p., illus.

Curtis, Brian
The life story of the fish. New York, D. Appleton-Century co., inc., 1938. 260 p., illus.

Dean, Bashford
Fishes, living and fossil. An outline of their forms and probable relationships. New York, Macmillan and co., 1895. 300 p., illus. (Columbia university biological series. III)

Howell, Alfred B.
Aquatic mammals; their adaptations to life in the water. Springfield, Ill., C. C. Thomas, 1930. 338 p., illus.

Jordan, David S.
Manual of the vertebrate animals of the northeastern United States inclusive of marine species. 13th ed., completely rev. and enl. Yonkers-on-Hudson, N. Y. World book Co., 1929. 446 p., illus.

Jordan, David S., and Evermann, Barton W.
American food and game fishes. A popular account of all the species found in America north of the equator, with keys for ready identification, life histories and methods of capture. New York, Doubleday, Doran & co., inc., 1941. 574 p., illus.

Keep, Josiah
West coast shells; a description in familiar terms of principal marine, fresh-water, and land mollusks of the United States, British Columbia, and Alaska, found west of the Sierra. Stanford University, Calif., Stanford university press, 1935. 350 p., illus.

Marsland, Douglas
Principles of modern biology. A complete reconstruction and modernization of Charles E. Plunkett's Elements of modern biology. New York, H. Holt and co., 1945. 774 p., illus.

Miall, Louis C.
The natural history of aquatic insects. New York, Macmillan and co., 1934. 395 p., illus.

Muenscher, Walter C. L.
Aquatic plants of the United States. Ithaca, N. Y., Comstock publishing co., inc., 1944. 374 p., illus.

Norman, John R.
A history of fishes. New York, F. A. Stokes, 1931. 463 p., illus.

Parker, Thomas J., and Haswell, William A.
A text-book of zoology. London, Macmillan and co., ltd., 1940. 6th ed. 2 vols., illus.

Pratt, Henry S.
A manual of the common invertebrate animals, exclusive of insects. Thoroughly rev. ed. Philadelphia, P. Blakiston's son & co., inc., 1935. 854 p., illus.

Rogers, Julia E.
The shell book; a popular guide to a knowledge of the families of living mollusks, and an aid to the identification of shells native and foreign. Garden City, N. Y., Doubleday, Page & co., 1920. 485 p., illus.

Roule, Louis
Fishes, their journeys and migrations. Translated from French by Conrad Elphinstone. New York, W. W. Norton & co., inc., 1933. 270 p. illus.

Smithsonian scientific series.
Volume 8. Cold-blooded vertebrates. Pt. I. Fishes, by Samuel F. Hildebrand. Pts. II and III. Amphibians and reptiles, by Charles W. Gilmore and Doris M. Cochran. New York, Smithsonian institution series, inc., 1943. 375 p., illus.

Volume 10. Shelled invertebrates of the past and present. New York, Smithsonian institution series, inc., 1943. 365 p., illus. Pt.I. Geological history of North America, by R. S. Bassler and C. E. Resser. Pt.II. Crustaceans, by W. L. Schmitt. Pt.III Mollusks, by Paul Bartsch.

Tilden, Josephine E.
The Algae and their life relations; fundamentals of phycology. Minneapolis, Minn., The University of Minnesota press, 1937. 2d ed. 550 p., illus.

Note.--Revision of the publication I-15 issued by the former Bureau of Fisheries.

March, 1946
1,500

14581